

# Patents



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## SEBACIC SYNTHETIC LUBRICANTS AND PROCESS FOR PREPARING THE SAME



The invention relates to a synthetic lubricant and to a process for preparing the same. The claimed lubricant has the formula  $R-OOC-(CH)_2-COO-R-OOC-(CH)_2-COO-R(I)$  where R is a radical resulting from glycol and Ris an isotridecyl radical.

The claimed process consists in reacting a mole of glycol with two moles of sebacic acid in the presence of an aromatic solvent, in a usual catalyst system, after which the reaction mixture is brought at the reflux, when the reaction water is extracted, followed by cooling the reaction mass, adding two moles of isotridecanol, extracting the reaction water, removing the solvent and treating the resulting material for bleaching with activated coal and filtering, wherefrom there is obtained a lubricant with a viscosity index of 137...176, flammability point of 248...285 DEG C and a wear spot diameter of 0.50...0.70 mm.

